

TO: Mr. J. E. Wickham

DATE: June 10, 1981

FROM: Elizabeth Chambers

SUBJECT: HTI 5153/5154
Requested by L. Fondren

5153 = M1BN = Red N44 and Black G66 = MF-5 85 mm Model With Modified MUL Blend

5154 = M1B0 = Red G66 and Black N44 = MF-5 85 mm Model With Marlboro Blend A

The MF-5 85 mm model (M1B0) with Marlboro blend A was not different from the MF-5 85 mm model (M1BN) with modified MUL blend in any of the characteristics tested.

	MF-5 85 mm Model With Modified MUL Blend	MF-5 85 mm Model With Marlboro Blend A
IBM Code	M1BN	M1B0
HTI#	5153	5154
Smoke		
Butt Length, mm	35	35
FTC Tar, mg/cigt.	4.7	5.0
Nicotine, mg/cigt.	0.37	0.38
Puffs/cigt.	7.5	7.4
Filtration Eff., %	59	59
Cigarette		
Total RTD, in. of H ₂ O	4.2	4.1
Static Burn. Time, min.	6.0	6.4
Length, mm	84.3	84.2
Circumference, mm	24.9	24.8
Paper		
Additive, type	Cit.	Cit.
Porosity, sec.	9	11
Filter		
RTD, in. of H ₂ O	4.6	4.5
Length, mm	27.2	27.1
Weight, g	0.19	0.19
Tipping paper length, mm	32	32
Dilution, %	53	52
Filler		
Total alkaloids, %	1.56	1.38
Total reducing sugars, %	3.9	3.0
Wt. of tob., g	0.623	0.608
Rod Density, g/cc	0.221	0.218

EC:rrs

cc: Mr. B. A. Soyars
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